

NH DHHS Data Portal Guide

- The 3 primary pages depicted provide the simplest path to the dashboards
- Alternate paths to the dashboards include: Search, Categories and Catalog
- The guide is a read only tour of the basic features and hovers over your current page
- Use the 'Previous' and 'Next' buttons to navigate through the guide or use the top sliding tabs to jump to specific features
- The 'Download PDF' button provides ability to download and print the guide

Home Page *Select Topic*

Topic Page *Select Health Indicator*

Indicator Page *Interactive Dashboard*



Topics

> Air Quality

Topics

The three primary ways to select a Topic

1. Hover over 'Topics' on the toolbar and select a topic
2. Click 'Select an option' the within the blue box
3. Scroll down the page and select a Topic from the Categories list

What health data are you looking for?

Select Topic

Select an option

Select an option

Air Quality

Alcohol Misuse

Welcome to the NH Health and Human Services Data Portal

The NH Department of Health and Human Services data portal is an interactive website aggregating health and social services data and producing customized reports, maps and time trends for hundreds of health related indicators at the town, county and state level. Use the data to identify trends, develop program initiatives, strengthen partnerships and support policy changes.

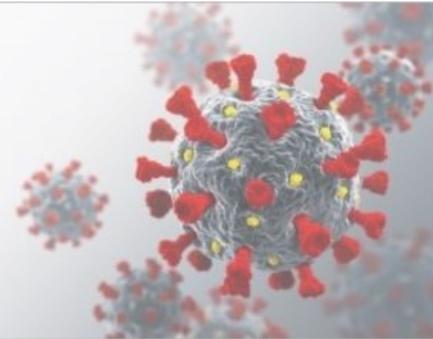
Chronic

Asthma

Cancer

NH COVID-19

- Case Summary
- Interactive Analytics
- Schools Dashboard
- Vaccinations



Community Health

- Community Indicators
- Health Equity
- Life Expectancy

Chronic Obstructive Pulmonary Disease (COPD)



Cancer

Cancer is a term used for a group of more than 100 diseases. Different cancers have different risk factors and causes, symptoms, treatments, and after-care requirements. Anyone can develop cancer, and risk increases with age. According to estimates from the Centers for Disease Control and Prevention (CDC), one in three people in the United States (US) will develop cancer in their lifetime. Some cancers can be detected at an early stage through screening, increasing survival rates

The State Cancer Program is organized into three components, the Breast and Cervical Cancer Program, the Comprehensive Cancer Control Program, and the New Hampshire State Cancer Registry.



Interactive Dashboards

All Cancers

Cancer incidence by type

Cancer mortality by type

Overall cancer incidence (All Invasive Cancers)

Overall cancer mortality (All Cancers)

Bladder

Brain and Other Central Nervous System

Breast

Cervical

Colorectal

Esophagus

Head and Neck

Leukemia

Liver and Intrahepatic Bile Duct

Our Programs

NH Healthy Lives

Our Program and Key Partner/Resources Sections

- Provide details about our programs and key partners.



Cancer

Cancer is a term used for a group of more than 100 diseases. Different cancers have different risk factors and causes, symptoms, treatments, and after-care requirements. Anyone can develop cancer, and risk

Interactive Dashboards

All	
Bladder	Subtopic
Cancer incidence (b	Indicator
Cancer mortality	Indicator
Breast	
Cervical	
Colorectal	
Esophagus	
Hodgkin Lymphoma	
Kidney and Renal Pelvis	
Larynx	
Leukemia	
Liver and Intrahepatic Bile Duct	

Indicators

- Each **subtopic** contains a set of links to the **indicator** dashboards
- Click a **subtopic** to expand the section. The click is an accordion style selection by expanding one section and automatically collapsing the previous opened section.
- Select an **indicator** to open the data explorer dashboard



The CDC estimates that 39% of people will be diagnosed with cancer in their lifetime.

Our Programs

NH Healthy Lives

New Hampshire

Health and Human Services Data Portal

Browse, analyze and download data on health and social services



Home Categories Topics Catalog Data Sources Resources

Home > Cancer > Bladder > Cancer incidence and stage of diagnosis (Bladder)

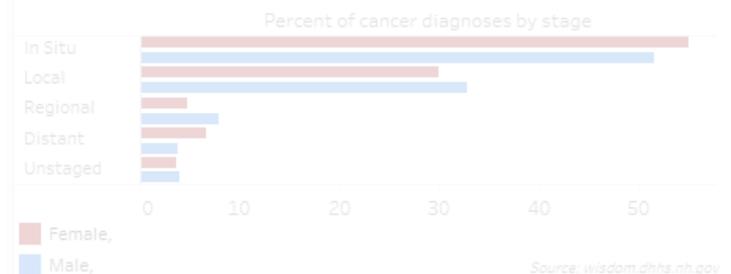
Cancer Incidence (Bladder)

Cancer Incidence (Bladder); Age-adjusted rate; County with Manchester and Nashua compared to rest of state, 2013 - 2017; All ages



Higher Lower Not significant Suppressed Map Chart
Source: wisdom.dhhs.nh.gov

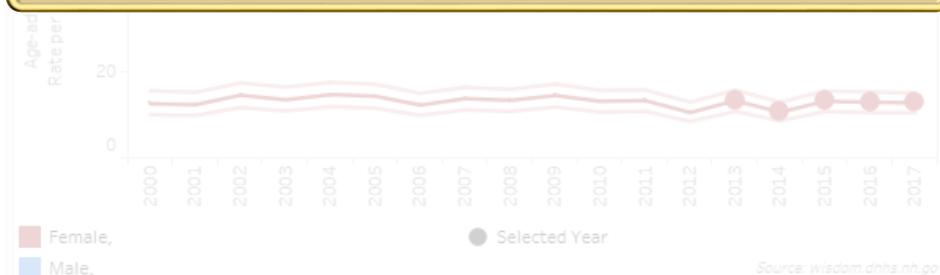
Cancer Incidence (Bladder) by stage; Percent; New Hampshire; 2013 - 2017; All ages



• Rates and counts are suppressed if fewer than 5 events are reported.
Source: wisdom.dhhs.nh.gov

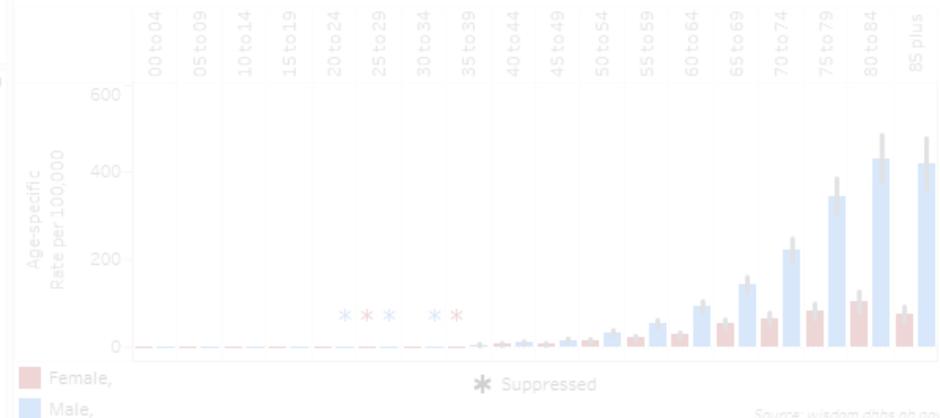
Icons

- The *icons* provides the user with interactive features
- The blue shaded dashboard  icon is the default setting.
- Dashboards use varying technologies and some dashboards have a reduced set of icons



Source: wisdom.dhhs.nh.gov

Cancer Incidence (Bladder) by age group; Age-specific rate; 2013 - 2017; New Hampshire



Source: wisdom.dhhs.nh.gov

Dashboard



Options

Show selected years?

Yes

Show confidence intervals?

Yes

Show reference lines?

No

Selected Filters

Years
2013 to 2017Age:
All ages (not filterable)State
New Hampshire



New Hampshire

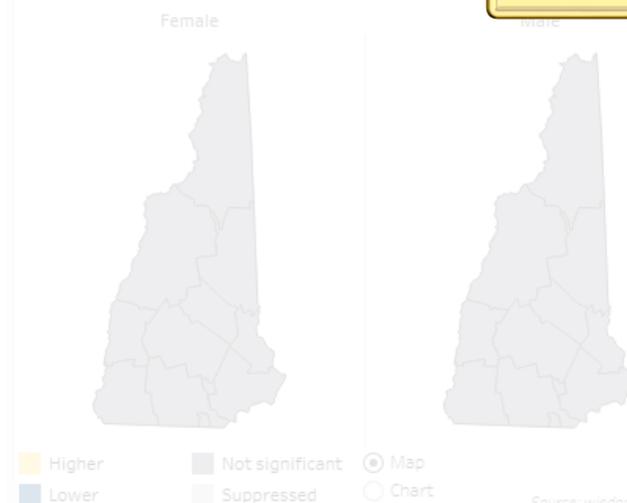
Health and Human Services Data Portal

Browse, analyze and download data on health and social services

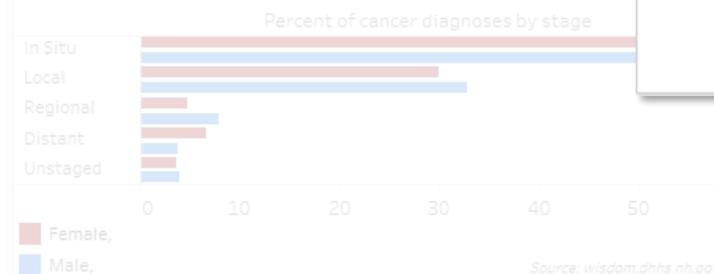
[Home](#) [Categories](#) [Topics](#) [Catalog](#)[Home](#) > [Cancer](#) > [Bladder](#) > [Cancer incidence](#)

Cancer Incidence (Bladder)

Cancer Incidence (Bladder); Age-adjusted rate; County-level data for Merrimack, Rockingham, and Hillsborough counties compared to rest of state, 2013 - 2017; All ages



Cancer Incidence (Bladder) by stage; Percent; New Hampshire; 2013 - All ages



* Rates and counts are suppressed if fewer than 5 events are reported.

Download PDF/Print

- Selecting the PDF icon generates a print version of the dashboard.
- The *Download PDF* box automatically displays
- Change to *Landscape* if necessary to fill the printable space
- Click *Download*

Download PDF

Include
This View

Scaling
Automatic

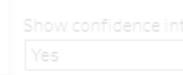
Paper Size
Letter

Orientation
Landscape

Download

Change to Landscape

Download PDF/Print





Cancer Incidence (Bladder)

Cancer Incidence (Bladder): Age-adjusted rate: County with Manchester and Nashua compared to

Cancer Incidence (Bladder) by year: Age-adjusted rate; New Hampshire; All ages



Table

Table

- Select the table icon. A listing of view and download options display. A selection is available for each of the dashboard charts.
- 'Download' changes to the table view and initiates a CSV download. The *Download Crosstab* box automatically displays. Select Download to complete the process.

Download Crosstab

The crosstab has been generated.

Cancel

Download

Map

[View](#) | [Download](#)

Time Trend

[View](#) | [Download](#)

Bar Chart

[View](#) | [Download](#)

StageBar Chart Table

[View](#) | [Download](#)

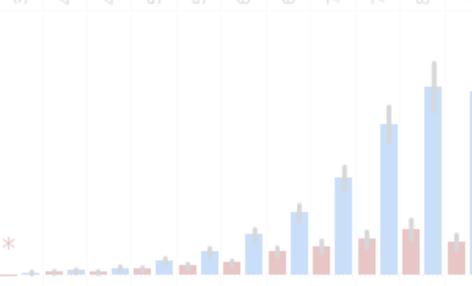
2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

 Selected Year

Source: wisdom.dhhs.nh.gov

Age-specific rate; 2013 - 2017; New Hampshire

35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 to 69 70 to 74 75 to 79 80 to 84 85 plus



* Suppressed

Source: wisdom.dhhs.nh.gov

Show selected years?

Yes

Show confidence intervals?

Yes

Show reference lines?

No

Selected Filters

Years
2013 to 2017

Age:
All ages (not filterable)

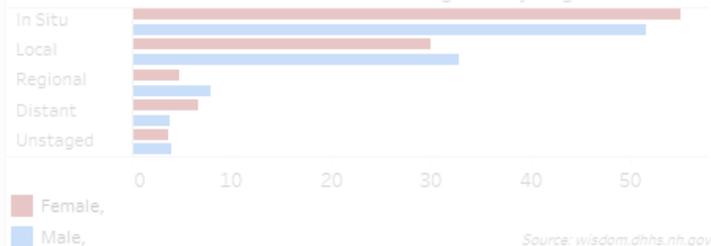
State
New Hampshire



Cancer Incidence (Bladder)
All ages

Higher
Lower

Percent of cancer diagnoses by stage



• Rates and counts are suppressed if fewer than 5 events are reported.

New Hampshire

Health and Human Services Data Portal

Browse, analyze and download data on health and social services

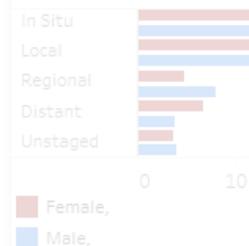


Home Categories Topics Catalog Data Sources Resources

Home > Cancer > Bladder > Cancer incidence and stage of diagnosis (Bladder)

Cancer Incidence (Bladder)

Cancer Incidence (Bladder); Age-adjusted rate; County with Manchester and Nashua compared to rest of state; 2013 - 2017; All ages

Cancer Incidence (Bladder)
All ages

• Rates and counts are suppressed when events are rare or when reporting could identify individuals.

Indicator Information

- The Indicator Information icon presents the metadata on the data used on the health indicator dashboard.

Indicator Title	Cancer incidence (Bladder)
Source Data Description	NH State Cancer Registry (NHSCR), U.S. Census or Claritas population estimates
Purpose	To estimate the incidence rate of invasive bladder cancer in NH
Abstract	The cancer incidence rate indicator provides a method for tracking trends in the number of individuals diagnosed with invasive bladder cancer in NH during specified calendar year(s). This indicator estimates incidence only and is not indicative of prevalence
Process	
Strengths	Age-adjusted incidence rates allow people to compare invasive bladder cancer incidence across larger geographic areas and/or population subgroups. Such information is vital for hypothesis generating and further developing linkage studies to evaluate the impact of risk factors
Limitations	Bladder cancer cases are reported by the date and residence at the time of diagnosis, which may be different than the date or residence at the time of tumor onset.
Keywords	Cancer, Incidence, Bladder, Urinary Bladder
Class	Cancer
Detailed Documentation	http://ephtracking.cdc.gov/docs/CDC_NCDM_v2.0_final.pdf
Other Info	

Indicator Information



Options

How selected years?

Yes No

How confidence intervals?

Yes No

How reference lines?

No Yes

Selected Filters

Years

2013 to 2017

Age:

All ages (not filterable)

State

New Hampshire



Refresh Dashboard

New Hampshire

Health and Human Services Data Portal

Browse, analyze and download data on health and social services

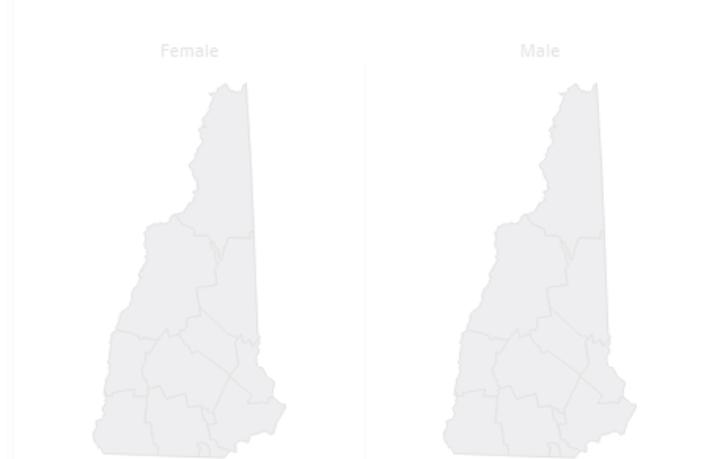


Home Categories Topics Catalog Data Sources Resources Contact Us

Home > Cancer > Bladder > Cancer incidence and stage of diagnosis (Bladder)

Cancer Incidence (Bladder)

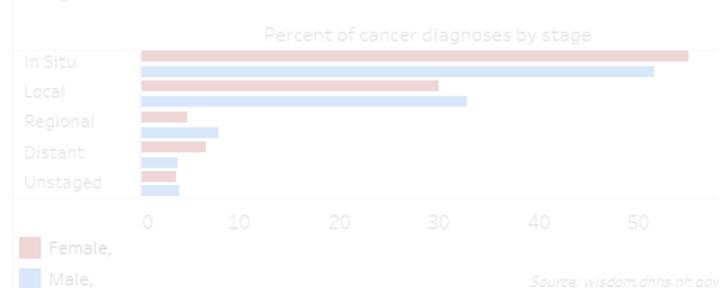
Cancer Incidence (Bladder); Age-adjusted rate; County with Manchester and Nashua compared to rest of state; 2013 - 2017; All ages



Higher Not significant Map
Lower Suppressed Chart

Source: wisdom.dhhs.nh.gov

Cancer Incidence (Bladder) by stage; Percent; New Hampshire; 2013 - 2017; All ages

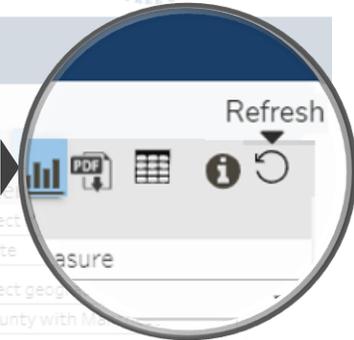


Source: wisdom.dhhs.nh.gov

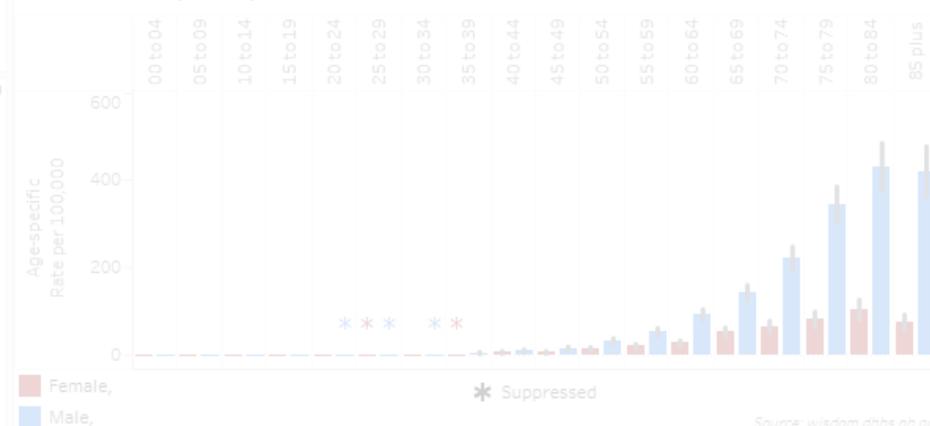
• Rates and counts are suppressed if fewer than 5 events are reported.

Refresh

- Refresh returns the dashboard back to the original state.



Cancer Incidence (Bladder) by age group; Age-specific rate; 2013 - 2017; New Hampshire



Source: wisdom.dhhs.nh.gov

Source: wisdom.dhhs.nh.gov

Options

Show selected years?

Yes

Show confidence intervals?

Yes

Show reference lines?

No

Selected Filters

Years
2013 to 2017Age:
All ages (not filterable)State
New Hampshire

Filters

- Filters vary by dashboard. Measure, geography type and sex are the most common.
 - Typically, when no geography type filter is provided, the data are aggregated at the State level. The report titles indicate the geography.
 - When no sex or gender filter are provided, the values are aggregated for 'All' combined. 'All' refers to female, male and unknown.
- The geography type filter displays a map(s) with regional data, but the time trend and bar charts initially display the aggregated NH level data. Once a region (e.g. Coos County) is selected from the map, the time trend and bar charts in many of the dashboards filters the data to that region. The filtered/selected data is reflected in:
 - Titles
 - Tooltips
 - Selected Filters

Options

- Show selected years?
Yes
- Show confidence intervals?
Yes
- Show reference lines?
No

Selected Filters

- Years
2013 to 2017
- Age:
All ages (not filterable)
- State
New Hampshire

Cancer Incidence (Bladder)

Cancer Incidence (Bladder); Age-specific rate; 2013 - 2017; New Hampshire compared to rest of state

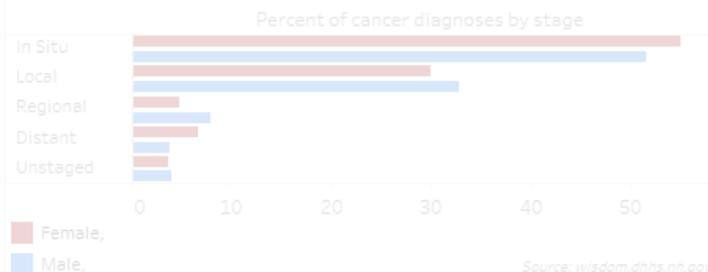
Female



- Higher
- Lower
- Not significant
- Suppressed
- Map
- Chart

Source: wisdom.dhhs.nh.gov

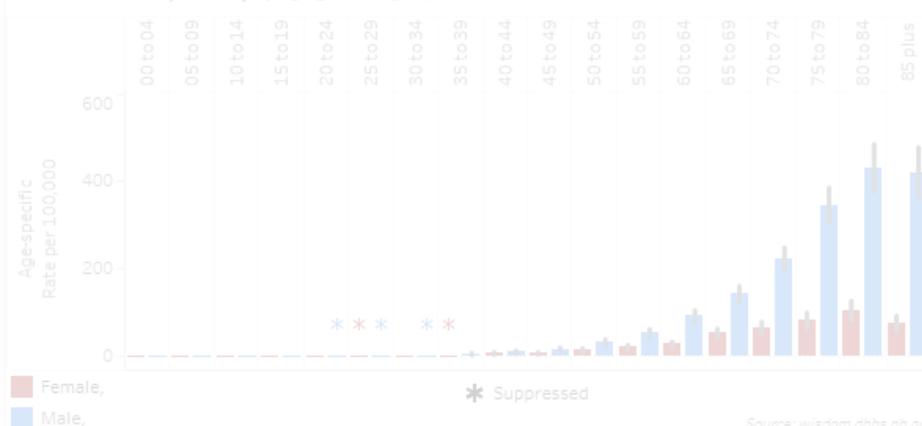
Cancer Incidence (Bladder) by stage; Percent; New Hampshire; 2013 - 2017; All ages



Source: wisdom.dhhs.nh.gov

• Rates and counts are suppressed if fewer than 5 events are reported.

Cancer Incidence (Bladder) by age group; Age-specific rate; 2013 - 2017; New Hampshire



Source: wisdom.dhhs.nh.gov

New Hampshire

Health and Human Services Data Portal

Browse, analyze and download data on health and social services

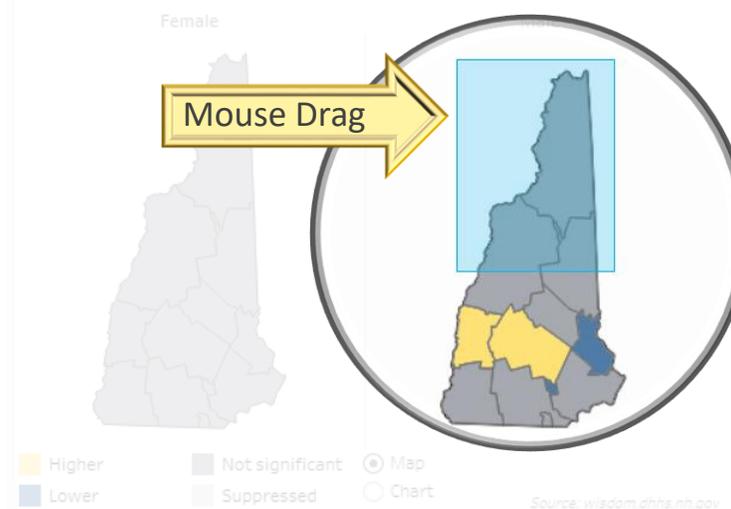


Home Categories Topics Catalog Data Sources Resources Contact Us

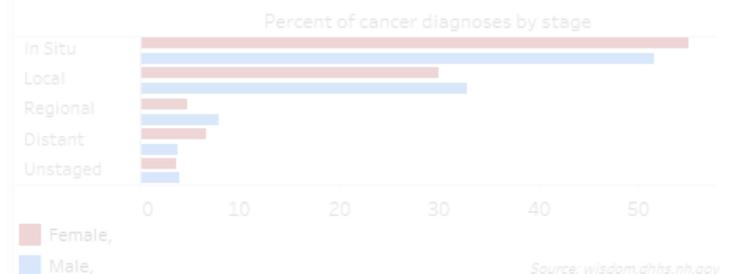
Home > Cancer > Bladder > Cancer incidence and stage of diagnosis (Bladder)

Cancer Incidence (Bladder)

Cancer Incidence (Bladder); Age-adjusted rate; County with Manchester and Nashua compared to rest of state; 2013 - 2017; All ages



Cancer Incidence (Bladder) by stage; Percent; New Hampshire; 2013 - 2017; All ages



• Rates and counts are suppressed if fewer than 5 events are reported.

Interactive Dashboards

- The maps and charts on many of the dashboard are interactive. Some allow only a single selection, and others allow multiple selections.
- To determine the interactivity, hover over any data point on each map or chart. The tip at the bottom of many of the tooltips provide more details.
- **Select Data Point**
 - Use a single Click to select one region or data point
 - Use Ctrl+Click to select more than one
 - Use Mouse Drag or Ctrl+Drag to select more than one. The blue shaded example on the left, selects the top 3 counties. The drag only needs to partially touch a region to pull in the entire region.
- **Deselect** (3 varying approaches)
 - Select the same point(s) again
 - Click on white space within the specific map or chart
 - Use the refresh button

State
New Hampshire

New Hampshire

Health and Human Services Data Portal

Browse, analyze and download data on health and social services

Home Categories Topics Catalog Data Sources Resources Contact

Home > Cancer > Bladder > Cancer incidence and stage of diagnosis (Bladder)

Cancer Incidence (Bladder)

5 Year Aggregation

- Several dashboards automatically aggregate the data in 5 year increments. The calculation automatically uses your selected year and aggregates with previous 4 consecutive years. If 4 previous years do not exist, the calculation goes backwards, and then forwards to determine the 5 year period.

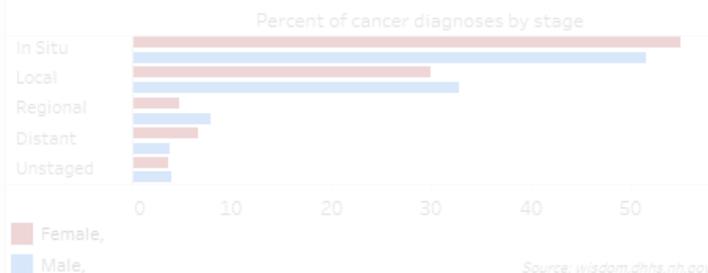
Single Year Aggregation

- Some dashboards handle a single data point. The single data point may be a single year or a set-of aggregated years.

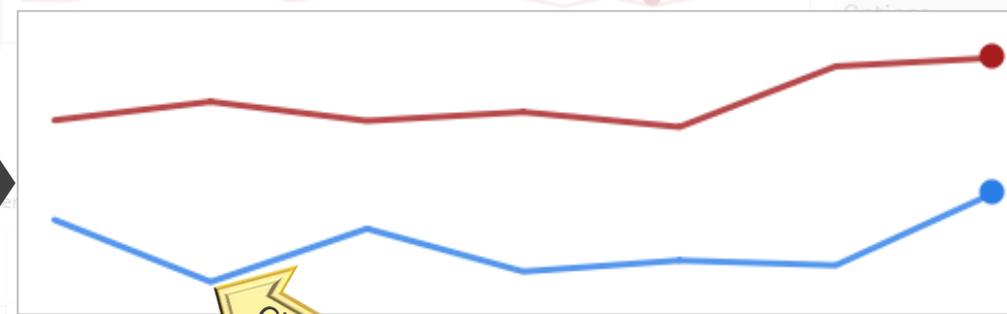
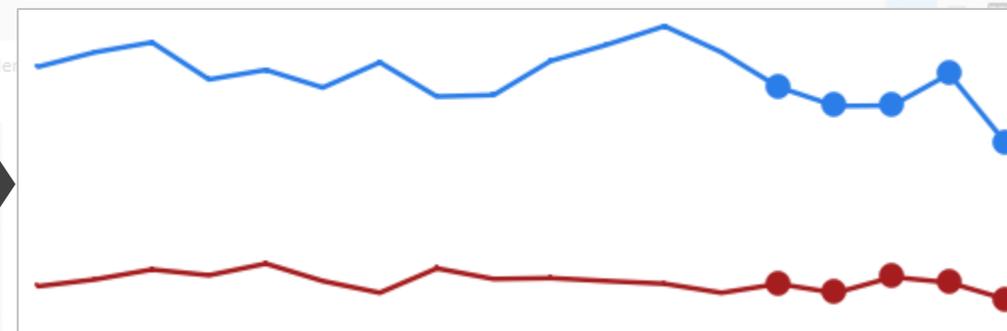
Time Trend – Selected Year(s)

- The most recent data year is selected by default
- Select any other data year by clicking on a data point

Cancer Incidence (Bladder) by stage; Percent; New Hampshire; 2013 - 2017; All ages



• Rates and counts are suppressed if fewer than 5 events are reported.



Click to select a different year



Years
2013 to 2017

Age:
All ages (not filterable)

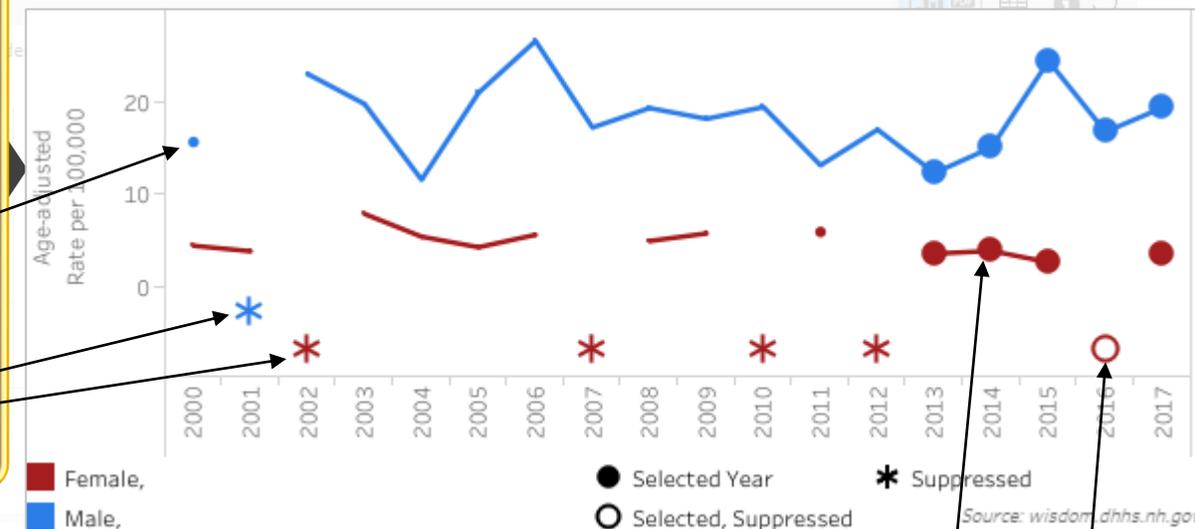
State
New Hampshire





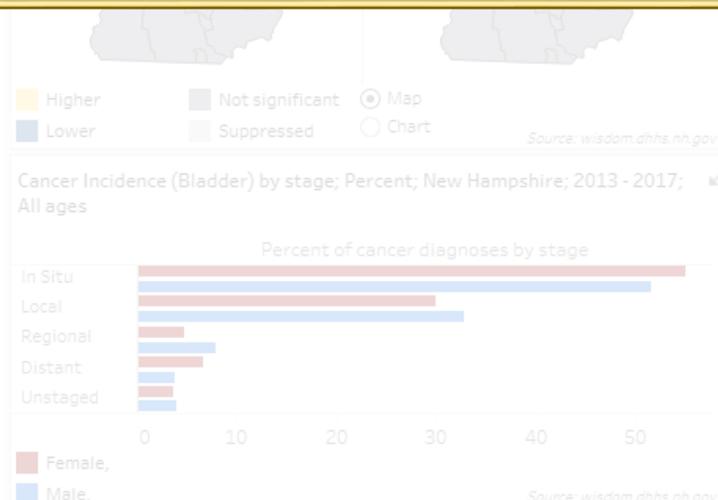
Suppression

- For a small number of events, the data are suppressed and indicated with an asterisk.
- Filtering data further by region may produce an incomplete time trend with much of the data suppressed. Some dashboard maps allow combining data points (Ctrl+Click) to produce a larger sample reducing suppression. The example on the right is difficult to read due to the suppression.
- The smaller dots on the chart are valid data points, but the suppression (asterisks) between two points prevents the line from connecting.
- Notice the color coded asterisks. The blue asterisks indicate male suppression, while the red indicate female suppression.



Selected Years

- The selected years are displayed as a large solid circle.
- If the selected year has a small number of events, the data is suppressed and displays as an outlined circle on the axis.

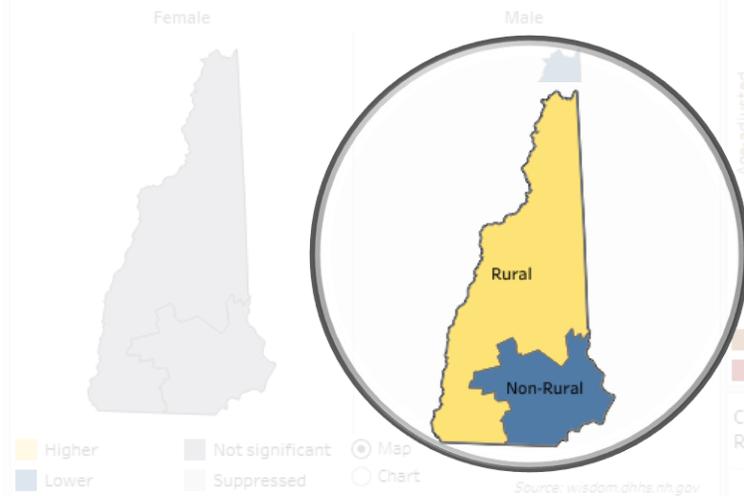


* Rates and counts are suppressed if fewer than 5 events are reported.



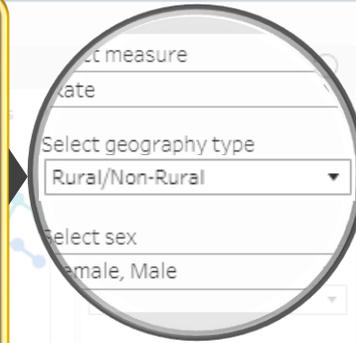
Cancer Incidence (Bladder)

Cancer Incidence (Bladder); Age-adjusted rate; Rural/Non-Rural compared to rest of state; 2013 - 2017; All ages

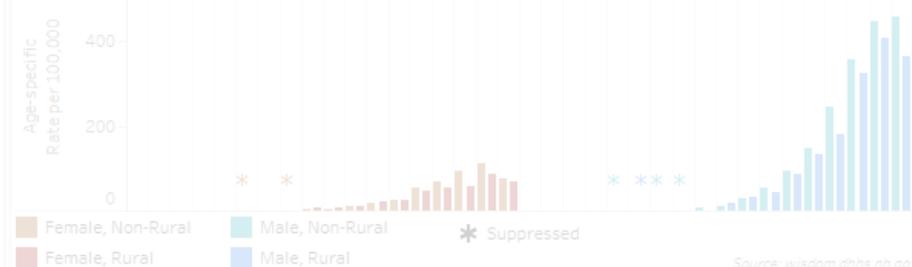
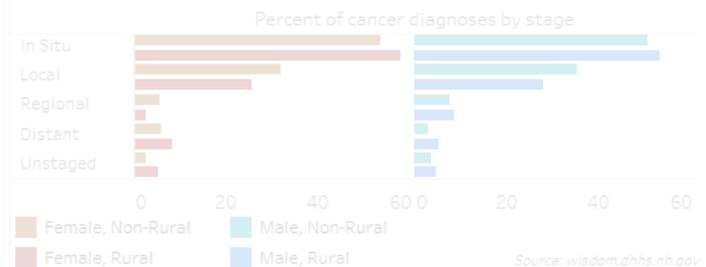


Rural/Non-Rural Regions

- This option combines and aggregates the entire Public Health Regions (PHRs) as either Rural or Non-Rural. The PHRs are then grouped together to form Rural and Non-Rural regions.
- Rural/Non-Rural is determined using population and population density measures. A population of 100,000 or less and with a population density of 150 people per square mile or less are considered rural. Even though part of the Rural region could be Non-Rural, the complete region is considered Rural.
- Clicking the Rural layer from the map, filters the other charts to only display the Rural data points.



Cancer Incidence (Bladder) by stage; Percent; New Hampshire by Rural/Non-Rural; 2013 - 2017; All ages



* Rates and counts are suppressed if fewer than 5 events are reported.

Options

Show selected years? Yes

Show confidence intervals? No

Show reference lines? No

Selected Filters

Years: 2013 to 2017

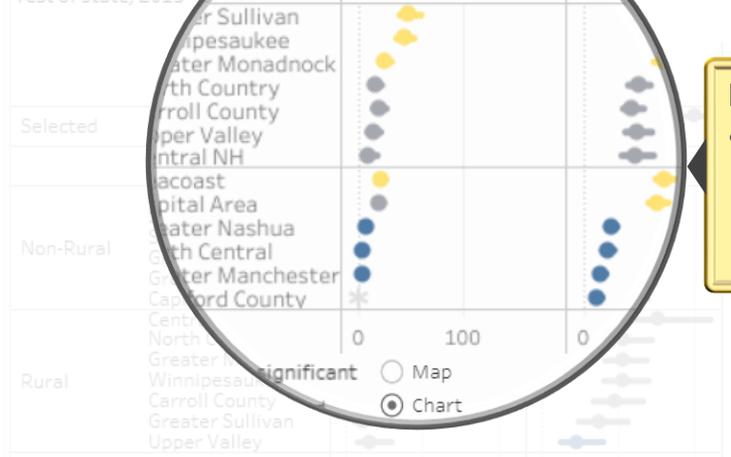
Age: All ages (not filterable)

State: New Hampshire



Cancer Incidence (Bladder)

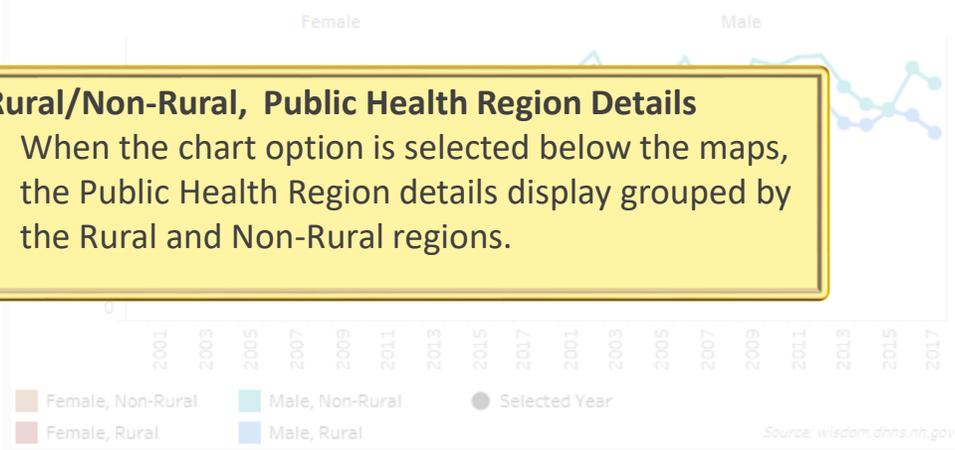
Cancer Incidence (Bladder) compared to rest of state; 2013



Rural/Non-Rural, Public Health Region Details

- When the chart option is selected below the maps, the Public Health Region details display grouped by the Rural and Non-Rural regions.

Cancer Incidence (Bladder) by year; Age-adjusted rate; New Hampshire by Rural/Non-Rural; All ages



Filters

Select measure: Rate

Select geography type: Rural/Non-Rural

Select sex: Female, Male

Options

Show selected years?: Yes

Show confidence intervals?: No

Show reference lines?: No

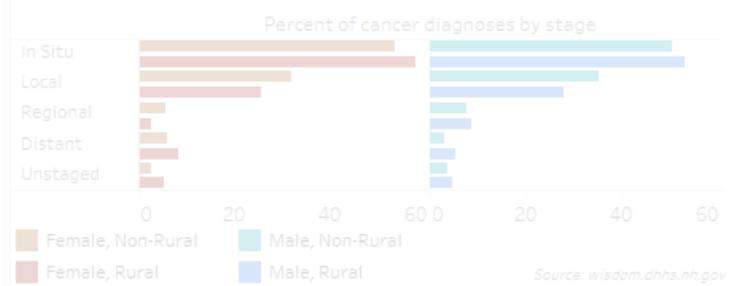
Selected Filters

Years: 2013 to 2017

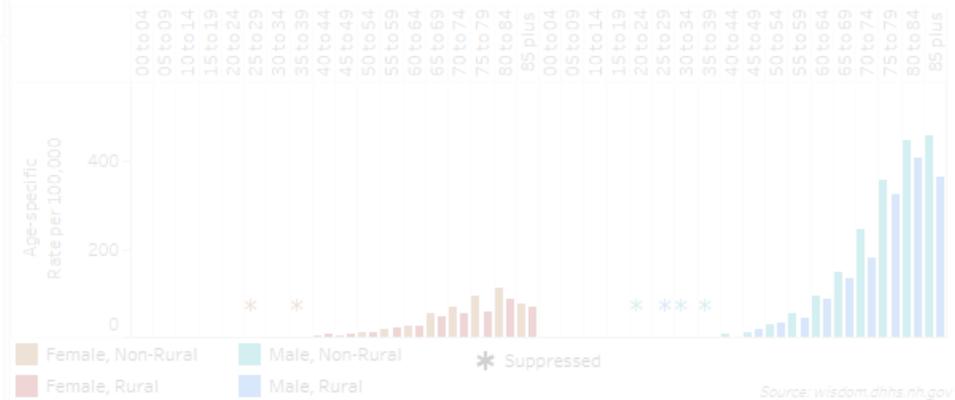
Age: All ages (not filterable)

State: New Hampshire

Cancer Incidence (Bladder) by stage; Percent; New Hampshire by Rural/Non-Rural; 2013 - 2017; All ages



Cancer Incidence (Bladder) by age group; Age-specific rate; 2013 - 2017; New Hampshire by Rural/Non-Rural



* Rates and counts are suppressed if fewer than 5 events are reported.





New Hampshire

Health and Human Services Data Portal

Browse, analyze and download data on health and social services

Breadcrumb Navigation

- Hovering over the breadcrumbs provides additional navigation capabilities.

Home > Cancer > [Bladder](#) > Cancer incidence (Bladder)

All Cancers

Bladder

Cancer incidence and stage of diagnosis (Bladder)

Cancer mortality (Bladder)

Brain and Other Central Nervous System

Breast

Cervical

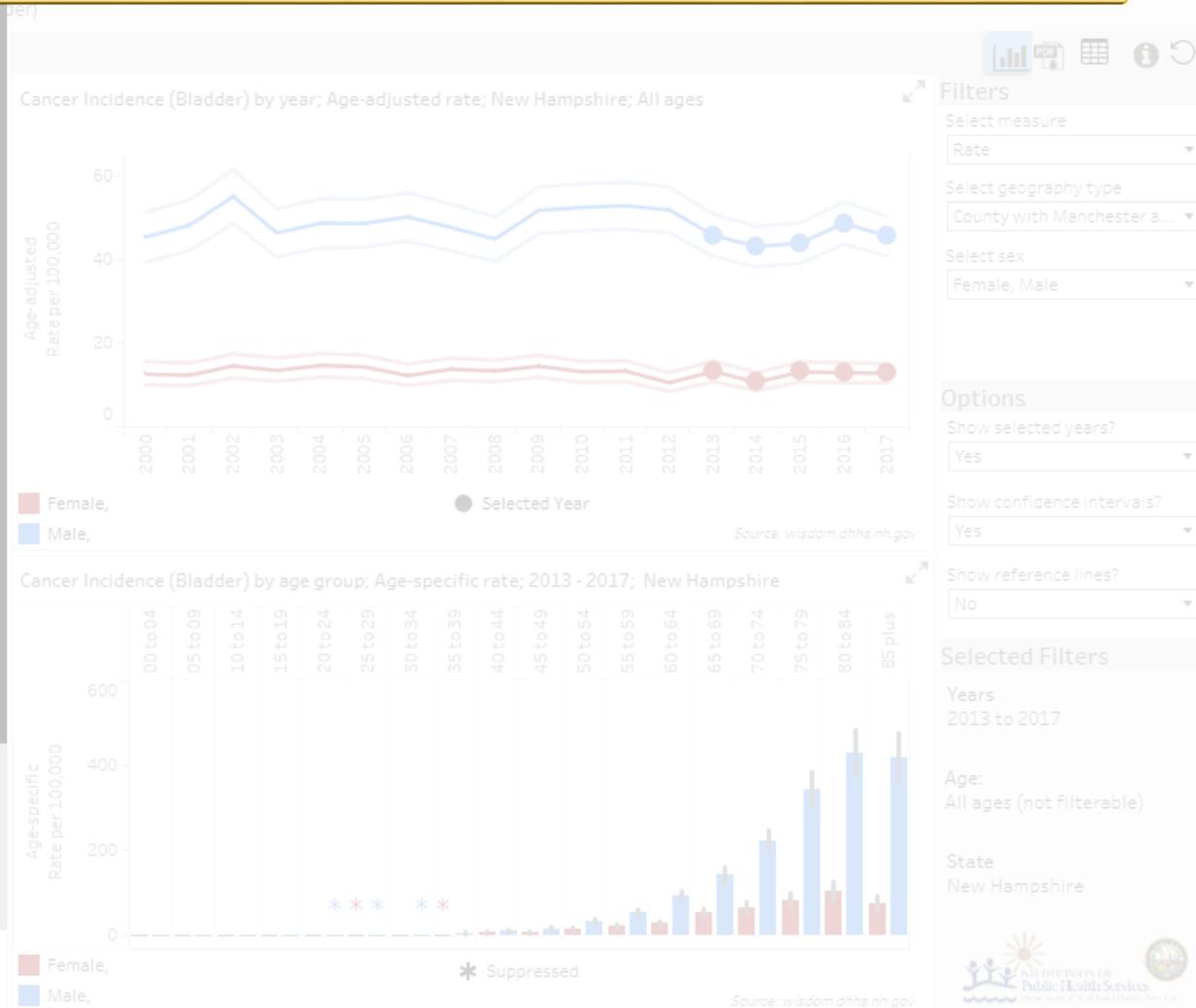
Colorectal

Esophagus

Hodgkin Lymphoma

Kidney and Renal Pelvis

Larynx

Female,
Male,

Source: wisdom.dhhs.nh.gov

• Rates and counts are suppressed if fewer than 5 events are reported.





The catalog enables users to quickly and efficiently search through hundreds of indicators, by topic and/or data source, to access just the data they need. Search results list indicator title, topic and data source, as well as site information.

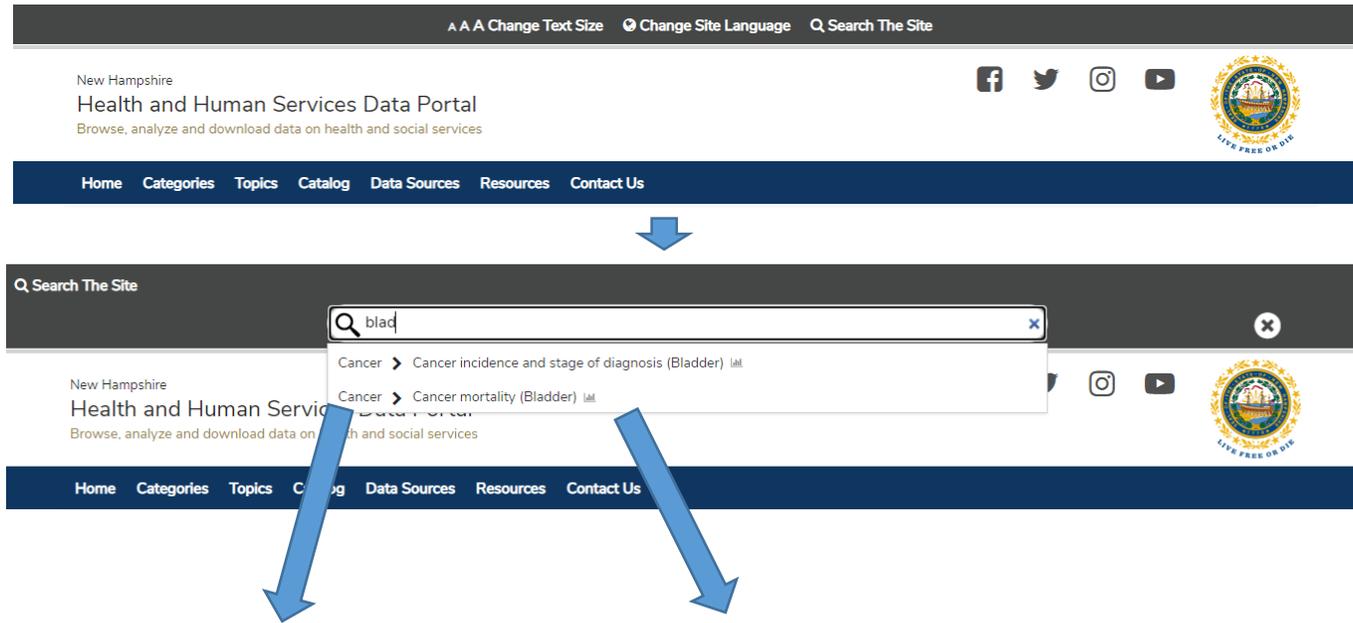
Filters		448 Results	
Topics Air Quality (3) Alcohol Misuse (21) Asthma (12) Biomonitoring (9) Birth Conditions and Outcomes (16) Cancer (63) Childhood Lead Poisoning (33) Chronic Obstructive Pulmonary Disease (COPD) (2)	Data Sources ? Air Quality (3) American Community Survey (40) Automated Hospital ED (AHEDD) (1) Behavioral Risk Survey (Asthma) (3) Behavioral Risk Survey (BRFSS) (39) Biomonitoring (17) Birth Conditions (1) Birth Data (16) Blood Lead Level Testing (2)	Adult female smokers of childbearing age 1	 Site: Data Portal
		Topic: Birth Conditions and Outcomes Data Source: Behavioral Risk Survey (BRFSS)	
		Adults told by a health professional that their blood cholesterol was high 1	 Site: Data Portal
		Topic: Data Source:	
		Alcohol during 3 months before pregnancy 1	 Site: Data Portal
		Topic: Pregnancy Data Source: Pregnancy Risk Assessment	

Catalog

- The Catalog contains all data portal dashboards, plus links to related health data from external NH sites. The goal is to have all external data available via the portal. The external site data will be introduced in the Q4-2021.
- The data on this page is filterable. The filter numbers in parenthesis is the number of indicators associated with the filter.
- Selecting an indicator (blue font) opens the associated dashboard.

Search

Topic or Indicator



Topic Page

Indicator Page

Search

- Click 'Search The Site' from the top of the page
- Enter Search Term
- The search results list the topic followed by the indicator dashboard. Click the topic to go to the topic page, or the indicator to go to the dashboard.

The screenshot shows the 'Cancer' topic page. It includes a header with the 'Cancer' icon and title, a paragraph describing cancer, and a section titled 'All Cancers' with a list of various cancer types: Bladder, Brain and Other Central Nervous System, Breast, Cervical, Colorectal, Esophagus, Hodgkin Lymphoma, Kidney and Renal Pelvis, and Larynx. There is also a 'Our Programs' section at the bottom.

The screenshot shows the 'Cancer Incidence (Bladder)' indicator page. It features a map of New Hampshire, a line chart titled 'Cancer Incidence (Bladder) by year, Age-adjusted rate, New Hampshire, All ages', and a bar chart titled 'Cancer Incidence (Bladder) by age group, Age-specific rate, 2013-2017, New Hampshire'. The page also includes various filters and options for data visualization.